

AMENDMENTS

In the claims:

This listing will replace all prior versions and listing of claims in the subject application.

1 - 5 (Canceled)

6. (Currently amended) A release sheet with a printed layer for use with a pressure sensitive adhesive label for indicating various information which includes fixed information common to a plurality of labels and variable information to be changed in each of the labels, comprising:

- B1
- a. a release sheet base having a first surface and a second surface;
 - b. a releasing agent layer defining a first surface and a second surface with the second surface of the releasing agent layer being provided on the first surface of the release sheet base and the releasing agent layer being formed of a non-silicone based releasing agent; and
 - c. a thermal transfer printed layer provided on the first surface of the releasing agent layer and forming the various information, the thermal transfer printed layer being formed of a thermo-melting resin containing a vehicle such as pigment or dye, wherein the thermal transfer printed layer formed of the thermo-melting resin is not only appropriately adhered onto the releasing agent layer but also adapted to be reliably peeled off from the releasing agent layer and then transferred to a pressure sensitive adhesive layer of the pressure sensitive adhesive label when the release sheet is peeled off from the pressure sensitive adhesive label.

7. (Previously Presented) The release sheet of claim 6 wherein the non-silicone based releasing agent is selected from the group consisting of polyolefin-based

thermoplastic elastomers, olefin-based thermoplastic elastomers, fluororesins, waxes, alkyd resins, and mixtures thereof.

8. (Currently amended) A pressure sensitive adhesive label with a release sheet for indicating various information which includes fixed information common to a plurality of labels and variable information to be changed in each of the labels, comprising:

- a. a pressure sensitive adhesive label that includes a label base and a pressure sensitive adhesive layer provided on a surface of the label base; and
- b. a release sheet removably attached to the pressure sensitive adhesive label, the release sheet including
- i. a release sheet base,
 - ii. a releasing agent layer provided on a surface of the release sheet base and being formed of a non-silicone based releasing agent, and
 - iii. a thermal transfer printed layer provided on the releasing agent layer and forming any of the various information, the thermal transfer printed layer being formed of a thermo-melting resin containing a vehicle including one of a pigment or a dye,

wherein the release sheet is stuck onto the pressure sensitive adhesive layer of the pressure sensitive adhesive label through the releasing agent layer so that the printed layer faces the pressure sensitive adhesive layer, and wherein the thermal transfer printed layer formed of the thermo-melting resin is adhered onto the releasing agent layer and adapted to be peeled off from the releasing agent layer and subsequently transferred to the pressure sensitive adhesive layer of the pressure sensitive adhesive label when the release sheet is peeled off from the pressure sensitive adhesive label.

9. (Previously Presented) The pressure sensitive adhesive label of claim 8 wherein the non-silicone based releasing agent is selected from the group consisting of

polyolefin-based thermoplastic elastomers, olefin-based thermoplastic elastomers, fluororesins, waxes, alkyd resins, and mixtures thereof.

10. (Previously presented) The pressure sensitive adhesive label of claim 8 wherein the label base is formed of a transparent material.

11. (Previously presented) The pressure sensitive adhesive label of claim 8 wherein the label base is formed of a non-transparent material.

B 12 (Currently amended) The pressure sensitive adhesive label of claim 8 wherein the pressure sensitive adhesive layer contains fluorescent dye and the printed layer includes a metallic layer for preventing the fluorescent dye from being transferring to an adherend when the pressure sensitive adhesive label is attached to the adherend.

13. (Currently amended) A pressure sensitive adhesive label for indicating various information which includes fixed information common to a plurality of labels and variable information to be changed in each of the labels, the pressure sensitive adhesive label being stuck onto a release sheet having a printed layer before the pressure sensitive adhesive label is used, in which the release sheet comprises a release sheet base, a releasing agent layer provided on one of the surfaces of the release sheet base, the releasing agent layer being formed of a non-silicone based releasing agent, and a thermal transfer printed layer provided on the releasing agent layer and forming any of the various information, the thermal transfer printed layer being formed of a thermo-melting resin containing a vehicle including one of a pigment or a dye, wherein the thermal transfer printed layer formed of the thermo-melting resin is adhered onto the releasing agent layer, the pressure sensitive adhesive label comprising:

- a. a label base;
- b. a pressure sensitive adhesive layer provided on a surface of the label base; and

c. a printed layer provided on the pressure sensitive adhesive layer and forming any of the various information, wherein the printed layer is formed in such a way that the printed layer provided on the releasing agent layer of the release sheet is transferred to the pressure sensitive adhesive layer when the release sheet is peeled off from the pressure sensitive adhesive label, wherein the printed layer has been peeled off from the releasing agent layer and then transferred to the pressure sensitive adhesive layer of the pressure sensitive adhesive label.

61 14. (Previously Presented) The pressure sensitive adhesive label of claim 13 wherein the non-silicone based releasing agent is selected from the group consisting of polyolefin-based thermoplastic elastomers, olefin-based thermoplastic elastomers, fluororesins, waxes, alkyd resins, and mixtures thereof.

15. (Previously presented) The pressure sensitive adhesive label of claim 13 wherein the label base is formed of a transparent material.

16. (Previously presented) The pressure sensitive adhesive label of claim 13 wherein the label base is formed of a non-transparent material.

17. (Currently amended) The pressure sensitive adhesive label of claim 13 wherein the pressure sensitive adhesive layer contains fluorescent dye and the printed layer includes a metallic layer for preventing the fluorescent dye from being transferring to an adherend when the pressure sensitive adhesive label is attached to the adherend.

18. (Currently amended) A method of manufacturing a pressure sensitive adhesive label with a printed layer for indicating various information which includes fixed information common to a plurality of labels and variable information to be changed in each of the labels, comprising the steps of:

a. preparing a release sheet that includes a release sheet base and a releasing agent layer provided on a surface of the release sheet base and formed of a non-silicone based releasing agent, and then forming a printed layer with various information which includes fixed information ~~common to a plurality of labels and variable information to be changed in each of the labels with the printed layer being formed using thermal transfer printing on the releasing agent layer using thermal transfer printing, wherein the thermal transfer printed layer is formed of a thermo-melting resin containing a vehicle including one of a pigment or a dye, and the printed layer is appropriately adhered onto the releasing agent layer;~~

b. preparing a pressure sensitive adhesive label that includes a label base and a pressure sensitive adhesive layer provided on a surface of the label base;

c. sticking the pressure sensitive adhesive layer of the pressure sensitive adhesive label onto the releasing agent layer of the release sheet such that the printed layer faces the pressure sensitive adhesive layer; and

d. ~~transferring the pressure sensitive adhesive layer from the printed layer on the release agent layer~~ to the pressure sensitive adhesive layer of the pressure sensitive adhesive label by peeling off the release sheet from the pressure sensitive adhesive label so that the printed layer is peeled off from the releasing agent layer and then transferred to the pressure sensitive adhesive layer of the pressure sensitive adhesive label.

19. (Previously Presented) The method as claimed in claim 18 wherein the non-silicone based releasing agent is selected from the group consisting of polyolefin-based thermoplastic elastomers, olefin-based thermoplastic elastomers, fluororesins, waxes, alkyd resins, and mixtures thereof.

20. (Previously presented) The method of claim 18 wherein the label base is formed of a transparent material.

21. (Previously presented) The method as claimed in claim 18 wherein the label base is formed of a non-transparent material.

22. (Currently amended) The method of claim 18 wherein the pressure sensitive adhesive layer contains fluorescent dye and the printed layer includes a metallic layer for preventing the fluorescent dye from being transferring to an adherend when the pressure sensitive adhesive label is attached to the adherend.

23. (New) A pressure sensitive adhesive label with a release sheet for indicating various information which includes fixed information common to a plurality of labels and variable information to be changed in each of the labels, comprising:

a. a pressure sensitive adhesive label that includes a non-transparent label base and a pressure sensitive adhesive layer provided on a surface of the label base; and

b. a release sheet removably attached to the pressure sensitive adhesive label, the release sheet including

i. a release sheet base,

ii. a releasing agent layer provided on a surface of the release sheet base and being formed of a non-silicone based releasing agent; and

iii. a thermal transfer printed layer provided on the releasing agent layer and forming any of the various information,

wherein the release sheet is stuck onto the pressure sensitive adhesive layer of the pressure sensitive adhesive label through the releasing agent layer so that the printed layer faces the pressure sensitive adhesive layer, and wherein the thermal transfer printed layer is adapted to be transferred to the pressure sensitive adhesive layer of the pressure sensitive adhesive label when the release sheet is peeled off from the pressure sensitive adhesive label to provide any of the various information that can not be seen from the side of the surface of the label base of the pressure sensitive adhesive

label when the pressure sensitive adhesive label is used by being attached to an adherend.

24. (New) A pressure sensitive adhesive label with a release sheet for indicating various information which includes fixed information common to a plurality of labels and variable information to be changed in each of the labels, comprising:

a. a pressure sensitive adhesive label that includes a transparent label base and a pressure sensitive adhesive layer provided on a surface of the label base; and

b. a release sheet removably attached to the pressure sensitive adhesive label, the release sheet including

i. a release sheet base,

ii. a releasing agent layer provided on a surface of the release sheet base and being formed of a non-silicone based releasing agent; and

iii. a thermal transfer printed layer provided on the releasing agent layer and forming any of the various information,

wherein the release sheet is stuck onto the pressure sensitive adhesive layer of the pressure sensitive adhesive label through the releasing agent layer so that the printed layer faces the pressure sensitive adhesive layer, and wherein the thermal transfer printed layer is adapted to be transferred to the pressure sensitive adhesive layer of the pressure sensitive adhesive label when the release sheet is peeled off from the pressure sensitive adhesive label to provide any of the various information that can be seen from the side of the surface of the label base of the pressure sensitive adhesive label but can not be changed from the side of the surface of the label base when the pressure sensitive adhesive label is used by being attached to an adherend.

25. (New) A pressure sensitive adhesive label with a release sheet for indicating various information which includes fixed information common to a plurality of labels and variable information to be changed in each of the labels, comprising:

a. a pressure sensitive adhesive label that includes a label base and a pressure sensitive adhesive layer provided on a surface of the label base, the pressure sensitive adhesive layer containing fluorescent dye; and

b. a release sheet removably attached to the pressure sensitive adhesive label, the release sheet including

i. a release sheet base,


ii. a releasing agent layer provided on a surface of the release sheet base and being formed of a non-silicone based releasing agent; and

iii. a thermal transfer printed layer provided on the releasing agent layer and forming any of the various information, the thermal transfer printed layer including a metallic layer for preventing the fluorescent dye from being transferring to an adherend when the pressure sensitive adhesive label is attached to the adherend,

wherein the release sheet is stuck onto the pressure sensitive adhesive layer of the pressure sensitive adhesive label through the releasing agent layer so that the printed layer faces the pressure sensitive adhesive layer, and wherein the thermal transfer printed layer is adapted to be transferred to the pressure sensitive adhesive layer of the pressure sensitive adhesive label when the release sheet is peeled off from the pressure sensitive adhesive label to provide any of the various information indicated by the fluorescent dye and the thermal transfer printed layer that can be seen on the adherend when the pressure sensitive adhesive label having the transferred thermal transfer printed layer has been peeled off from the adherend.

26. (New) The release sheet of claim 6, wherein the non-silicone based releasing agent of the releasing agent layer contains olefin-based thermoplastic elastomer and polyethylene resin, and the thermo-melting resin of the thermal transfer printed layer contains epoxy resin.

27. (New) The release sheet of claim 8, wherein the non-silicone based releasing agent of the releasing agent layer contains olefin-based thermoplastic elastomer and polyethylene resin, and the thermo-melting resin of the thermal transfer printed layer contains epoxy resin.

 28. (New) The release sheet of claim 13, wherein the non-silicone based releasing agent of the releasing agent layer contains olefin-based thermoplastic elastomer and polyethylene resin, and the thermo-melting resin of the thermal transfer printed layer contains epoxy resin.

29. (New) The release sheet of claim 18, wherein the non-silicone based releasing agent of the releasing agent layer contains olefin-based thermoplastic elastomer and polyethylene resin, and the thermo-melting resin of the thermal transfer printed layer contains epoxy resin.
